Recreational Use Attainability Analysis

Cover Sheet

Water Body Name: East Fork Locust Creek	
Water Body Identification #:	
Completed UAA Checklist: Pre-Field Preparatory Data Sheet Maps with actual survey sites marked Data Sheet A Data Sheet B - 3 of 3 pages for each site Number of Sites:	
I, the undersigned, hereby affirm to the best of my knowledge, that all information reported in signed:	this UAA
Printed Name: CANDING GALLAND Printed Name: CANDING GALLAND Position: Scients Position: Scients	

Date: 07/15/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name: East Fork Locust Creek

WBID #: 608

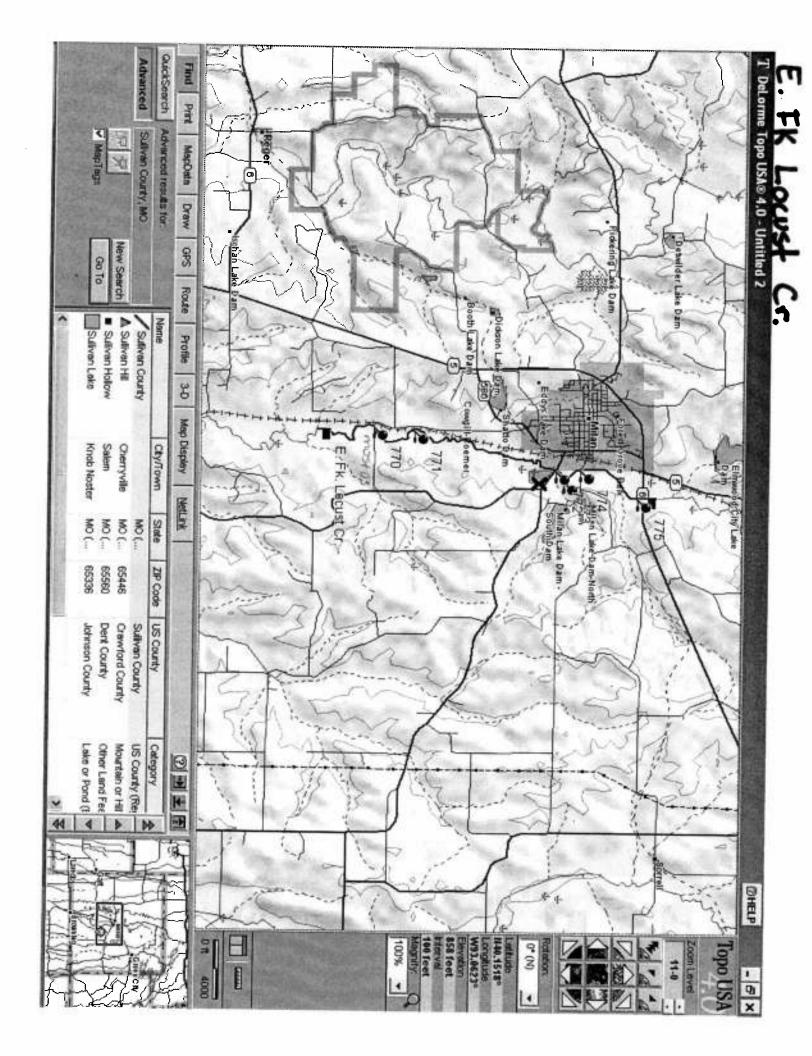
Upstream Coordinates: (WGS 84, ddd.ddddd) 40.21167, 93.10642 (site 775)

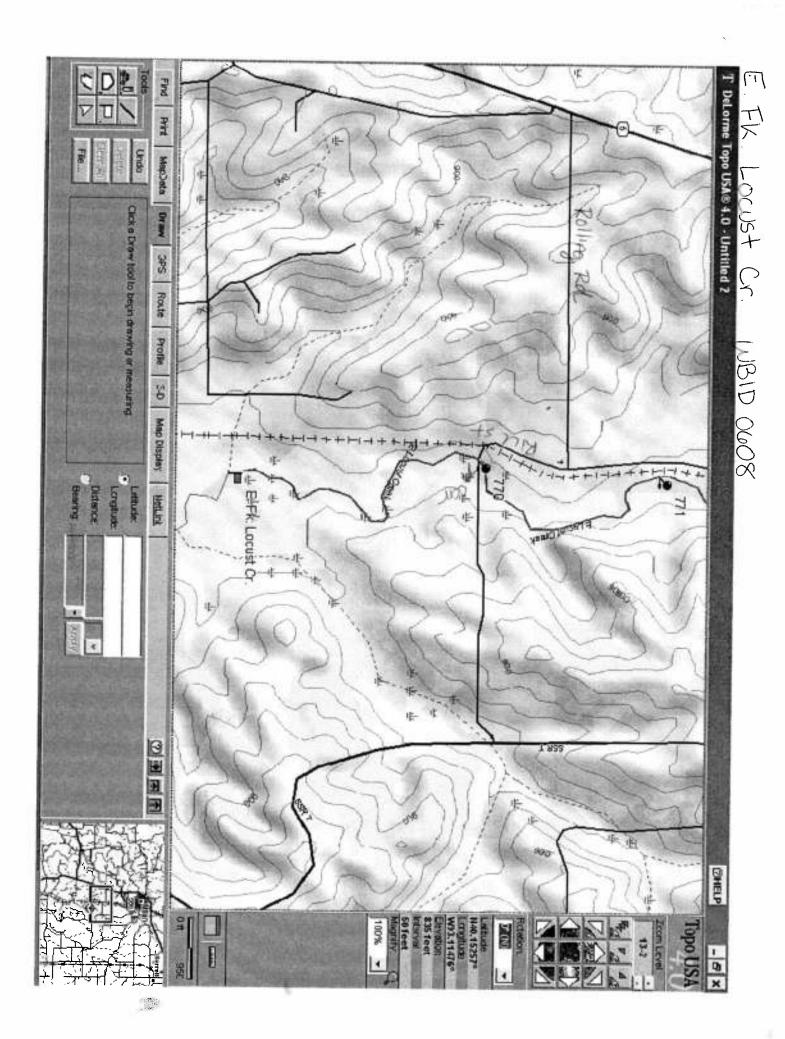
Downstream Coordinates: (WGS 84, ddd.ddddd) 40.16487, 93.12070 (site 770)

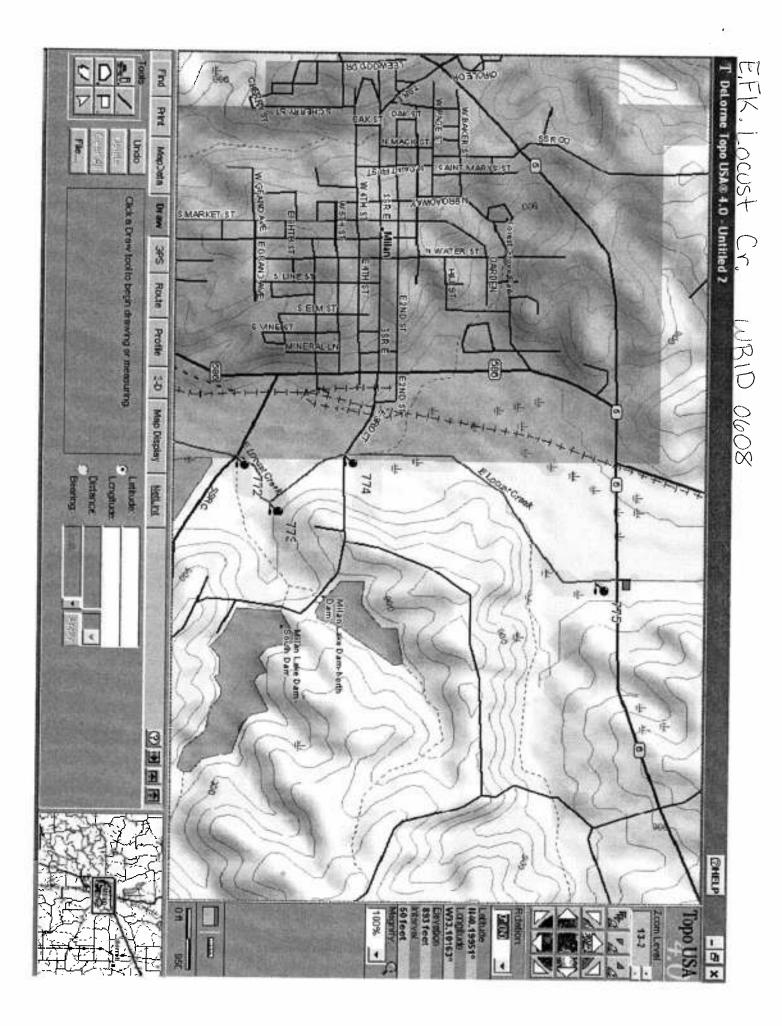
Current Weather Conditions: Hot, Sunny, humid

Number of Sites Evaluated: 6

Name(s) of Surveyor(s): Cavolina Gallardo, Allx De Wire







WBID # 608 Site # 7-70

Date: <u>07/15/2006</u>

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

Latitude (ddd.dddd):	10.1070+		Arrival Time:		
Longitude (ddd.dddd)	43 12070		120	08	
Photo Ids: Upstream:		Downstream:	Other: 1004	1013	
arrative Description	of Location: (D.	scribe access point to stream, n			
at Rich str.	elt bridge	CNOSSING.	earby roads, landmarks, etc	.)	
urrounding Conditions of interest.)	ons*: (Mark all that	promote or impede recreational	uses. Attach photos of evid	ence or unusual	
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds	
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway	
□ No transport				Other: Dam (1009)	
ıman Uses Observed	i*:				
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing		
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Water skiing	
☐ Hunting	☐ Trapping	☐ Fishing	572	☐ Rafting ☐ Other:	
Describe: (include numb	er of individuals reci	eating, frequency of use, photo-	documentation of evidence	of recreational uses, etc	
dence of Human Us	e*:				
Roads	☐ Foot paths/print	s Dock/platform	☐ Livestock Watering	DW/ATVT.	
	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ RV / ATV Tracks	
☐ Rope swings				☐ Fishing Tackle	
□ Rope swings Cher: TVASh (1)	1004)				
Other: Trash (1					
Other: Trash (1		es, drainages, discharges, etc.)			

QC:AD

WBID #	_ Site #	770
Date: <u>07/ 15/</u>	2006	
		Data Shee
Stream Morpholog	y:	

	View Physical Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (n
☐ Riffle					
□ Run					
Pool	5	6	10	lm	over 1 m
Flow	Present? Yes	□ No	Velocity (ft/sec):	OIM/SEC	over 1 m
Downstrea	m View Physical 1	Dimensions			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (n
□ Riffle					
□ Run					
Pool	25	5.5	15	0.33	Λ/5
Flow	Present?	□ No	Velocity (ft/sec):	0.1 m/sec	0.45
				1300	
bstrate*: (These values should ad	dun to 100%)			
	These values should ad		Sand 250%	Silt IA 0/ M 1/G1	
% (Cobble 10% (Gravel 60%		·	% Bedro
% (uatic Veget	ation*: (Note amoun	Gravel 60%		·	% Bedr
% (uatic Veget	ation*: (Note amoun	Gravel 60%		·	% Bedr
% (ation*: (Note amoun	Gravel 60%		·	% Bedr
uatic Veget Slight a	ation*: (Note amoun	st of vegetation or algal		·	% Bedr
uatic Veget Slight (ter Charac	ation*: (Note amount) AMOUNTS Of teristics*: (Mark all	at of vegetation or algal floating algorithms algorithms.	growth at the assessmen	t site.)	% Bedro
uatic Veget Slight o	ation*: (Note amoun	that apply.)		nt site.)	% Bedro

☐ Foam

Fine sediments

 \square None

None

☐ Other:

☐ Other:

* Visual estimates

☐ Sludge

□ Oil

Surface Deposit:



☐ Solids

☐ Scum

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 608 Site # 770

Date: <u>07</u> / 15 / 2006

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local (US)

* Dulyist pool was directly adjacent to bridge, unable to measure and to depth (well above) meter).

QC: AD

WBID #_	608	_ Site # _	770

Date: 07/15/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews (Make additional conics as

If so, please check ALL that apply: □ Swimming □ Skin diving □ SCUBA diving □ Tubing □ Wind surfing □ Kayaking □ Boating □ Wading □ Hunting □ Trapping □ Fishing □ None of the a How often do you use it for recreation? □ More than 5 times per year □ Less than 1 time per year − please describe: □ Swimming □ Skin diving □ SCUBA diving □ Tubing □ Wind surfing □ Kayaking □ Boating □ Wading □ Hunting □ Trapping □ Fishing □ None of the a How often have you observed it being used for recreation? □ More than 5 times per year □ Swimming □ Trapping □ Fishing □ None of the a	since 1975? Yes No				
□ Wind surfing □ Kayaking □ Boating □ Wading □ Hunting □ Trapping □ Fishing □ None of the a How often do you use it for recreation? □ More than 5 times per year □ 1 - 5 times per year □ Less than 1 time per year - please describe: □ Less than 1 time per year - please describe: □ Swimming □ Skin diving □ SCUBA diving □ Tubing □ Wind surfing □ Kayaking □ Boating □ Wading □ Hunting □ Trapping □ Fishing □ None of the a	□ Rafting bove □ Other: since 1975? □ Yes □ No □ Water skiing				
Hunting ☐ Trapping ☐ Fishing ☐ None of the a How often do you use it for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe: 3. Have you observed others using this water body for recreation s If so, please check ALL that apply: ☐ Swimming ☐ Skin diving ☐ SCUBA diving ☐ Tubing ☐ Wind surfing ☐ Kayaking ☐ Boating ☐ Wading ☐ Hunting ☐ Trapping ☐ Fishing ☐ None of the a How often have you observed it being used for recreation?	since 1975? Yes No				
How often do you use it for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe: 3. Have you observed others using this water body for recreation s If so, please check ALL that apply: Swimming Skin diving SCUBA diving Tubing Wind surfing Skin diving Boating Wading Hunting Trapping Fishing None of the a	since 1975? Yes No				
Swimming ☐ Skin diving ☐ SCUBA diving ☐ Tubing ☐ Wind surfing ☐ Kayaking ☐ Boating ☐ Wading ☐ Hunting ☐ Trapping ☐ Fishing ☐ None of the a	☐ Water skiing				
□ Wind surfing □ Kayaking □ Boating □ Wading □ Hunting □ Trapping □ Fishing □ None of the attribution. How often have you observed it being used for recreation?					
☐ Hunting ☐ Trapping ☐ Fishing ☐ None of the a How often have you observed it being used for recreation?					
How often have you observed it being used for recreation?	□ Rafting bove □ Other:				
How often have you observed it being used for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe:					
4. Additional Comments:					

WBID # 608 Site # 771

Date: 07/15/206

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

Latitude (ddd.dddd): L Longitude (ddd.dddd):	10.16556			
Pougrade (add.adda):	07		Arrival Time:	
			12	135
Photo Ids: Upstream:		Downstream:	Other:	
10	10	1011		
arrative Description o	of Location: (De	scribe access point to stream, no	earby roads, landmarks, etc.)
25 m US 35 m US	from bric	lge crossing a	+ RICE Street	,
rrounding Condition	s*: (Mark all that p	promote or impede recreational	uses. Attach photos of evid	ence or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep slopes	Other: dam	
man Uses Observed*	:			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	Rafting
☐ Hunting	☐ Trapping	☐ Fishing	Managetta 1	
Describe: (include number	r of individuals recr	reating, frequency of use, photo-	documentation of evidence	of recreational uses,
dence of Human Use ^s	*:			
□ Roads	☐ Foot paths/print	s	☐ Livestock Watering	□ RV / ATV Trac
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	□ NPDES Discharge	
□ Other:			14 DES Discharge	☐ Fishing Tackle
rces of Pollution: (e.g.	, trash dumping, tir	es, drainages, discharges, etc.)		

* go to page 5

(H) DD

te: <u>0+/</u>	15/2006				4
	Data	a Sheet B - Site Ch	naracterization – 2	of 3	
eam Mor Jpstream	View Physical Din	iensions:			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
□ Riffle				\$.W	
□ Run		د	<		
					!
X Pool	50	3.7	55	0.5	1) 8.
XPool XFlow	Present? XYes	3.7 □No	55 Velocity (ft/see):	0.5 0.5m/sc	0.81
Flow	Present? Yes	□ No		0.5 0.05 m/sec	0.81
Flow		□ No			
Flow	Present? Yes Am View Physical I Distance from	□ No Dimensions:	Velocity (ff/see).	0.05 m/sec	
XFlow Pownstrea □ Riffle	Present? Yes Am View Physical I Distance from	□ No Dimensions:	Velocity (ff/see).	0.05 m/sec	O.8 (
XFlow Cownstrea ☐ Riffle ☐ Run	Present? Yes Am View Physical I Distance from	□ No Dimensions:	Velocity (ff/see).	O.05 m/SCC Avg. Depth (m)	Max Depth (m)
⊠Flow Pownstrea	Present? Yes Am View Physical I Distance from access point (m)	□ No Dimensions: Width (m)	Velocity (ff/see): Length (m)	0.05 m /sec Avg. Depth (m) 0.55	Max Depth (m)
⊠Flow Ownstres □ Riffle □ Run XPool XFlow	Present? Yes Am View Physical I Distance from access point (m) 40 Present? Yes	□ No Dimensions: Width (m)	Velocity (ff/see): Length (m) 45	O.05 m/SCC Avg. Depth (m)	Max Depth (m)
Flow Pownstrea Riffle Run Pool Flow Strate*: (Present? Yes Am View Physical I Distance from access point (m) 40	□ No Pimensions: Width (m) □ No □ No	Velocity (ff/see): Length (m) 45 Velocity (ft/sec):	0.05 m/sec Avg. Depth (m) 0.55 0.1 m/sec	Max Depth (m)

Water Characteristics*: (Mark all that apply.)

Odor:	По					
	☐ Sewage	☐ Musky	☐ Chemical	None	☐ Other:	
Color:	□ Clear	₩ Green	☐ Gray	Milky	☐ Other:	
Bottom Deposit:	□ Sludge	☐ Solids	Fine sediments	□ None	☐ Other:	
Surface Deposit:	□ Oil	☐ Scum	☐ Foam	None	☐ Other:	
			······································	7.10110	Li Other:	

QC:AD

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WBID # 608 Site # 771

Date: <u>07/15/2006</u>

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

WBID	#	608	Site #	771

Date: <u>07/15/2006</u>

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional conies as necessary for multiple in

1. Do you live If so, ho	in the area?		sary for multiple inter	rviews)
2. Have you pe	rsonally used th	is water body for rethat apply:	ecreation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
3. Have you obs	G 1-5 time G Less than served others us:	1 time per year – p	lease describe:	
II so, pież	ise check ALL t	hat apply:		
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
(G More than $1-5$ times	rved it being used to 5 times per year per year time per year pl		
4. Additional Co	omments:			
Contact Informa Name: Address: Felephone #:	tion (if willing t	o provide):		

WBID # 608 Site # 772

Date: 07/15/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3 (A separate Data Sheet B must be completed for each

		SHC	et B must be completed	for each site)		
Latitude (ddd.dddd): 4	10.19614			Arrival Time:		
Longitude (ddd.dddd):	93.11296			1400)	
Photo Ids: Upstream:		Down	stream:	Other: 1016		
10	1017 1018			1014,1015		
				1017,1013		
Narrative Description	of Location: (De	scrib	e access point to stream, ne	arby roads, landmarks, etc.)	•	
at HWY C bridge crossing.						
l stringe treating						
Surrounding Condition items of interest.)	18*: (Mark all that p	oromo	ote or impede recreational u	ses. Attach photos of evide	nce or unusual	
☐ City/county parks	Dlawara da		I M C		T	
☐ Boating accesses	Playgrounds		MDC conservation lands	☐ Urban areas	☐ Campgrounds	
		☐ State parks ☐ National forests		☐ Nature trails	☐ Stairs/walkway	
☐ No trespass sign	☐ No trespass sign ☐ Fence ☐ Steep slopes			Nother: pipe in stream (1016)		
Human Uses Observed	*:			. , ,		
☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing	☐ Kayaking		☐ Boating	□ Wading		
☐ Hunting	☐ Trapping	1	☐ Fishing	None of the above	Rafting	
Describe: (include number	er of individuals reci	eatin	g, frequency of use, photo-	documentation of evidence	of recreational uses etc.)	
					or recreational ases, etc.)	
	*					
	****	··· — »				
Evidence of Human Use	*•		T			
Roads	☐ Foot paths/print	s	☐ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks	
Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle	
Other: YUN off		·	trash (1014)			
Saurage of Dellerthan	(1015)					
Sources of Pollution: (e.g	r 3	es, dr	ainages, discharges, etc.)			
trash (1014	y					

W	/BID # <u>[0</u>	Site	#_ 77;	2
		15 / 2006		
			Data S	heet B
St	ream Morp	ohology:		
	Upstream	View Physic	al Dimen	sions:
		Distance f access poin	rom	Wio
	□ Riffle			
	□ Run			
	. 1	†		

	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
□ Riffle					
□ Run					
Pool	30	0.6	20	0.25	0.4
Flow	Present? Ye		Velocity (ft/sec):	0.25 0.05 m/see	U- I
Downstrag	m Wierr Dhysical	D		1,000	
JOWESTI CA	m View Physical Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					Transport (m)
□ Run					
Pool	25	3.1	30	0.45	0.6
Flow	Present? Yes	s □ No	Velocity (ft/sec):	0.05 m/sec	$ \varphi$
etrata*. (1	M			7,500	
	These values should a Cobble %		% Sand /D %	City It N/ M/ 1/Ci	T
% C	70001C 70		% Sand /0 %	Silt / /b % Mud/Clay	% Bedro
· · · · · · · · · · · · · · · · · · ·					
ıatic Veget	ation*: (Note amou	int of vegetation or alg	al growth at the assessme	nt site.)	
ıatic Veget	ation*: (Note amou	unt of vegetation or alg 5 of aHach	al growth at the assessme	nt site.) Hng algal.	
iatic Veget Modlyo	ation*: (Note amount	s of attach.	al growth at the assessme Ld and floa	nt site.) Hing algal .	
iatic Veget Modlyo	ation*: (Note amou	all that apply.)	ed and floa	ting algae.	
Iatic Veget Modlyo ter Charac	ation*: (Note amount IH AMOUNT teristics*: (Mark a	all that apply.)	ld and floa □ Chemical	one Other:	
Iatic Veget Modly ter Charac Odor:	ation*: (Note amount AH AMOUNT teristics*: (Mark a Sewage	all that apply.) Green	ed and floa	one Other:	

☐ Other:

QC: A)

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WBID # 608 Site # 772

Date: 07 / 15 / 2006

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).	
	_

WBID #_ 608 Site # 772

Date: 07/15/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

(Make additional copies as necessary for multiple interview

1. Do you live i	in the area?			views)				
2. Have you per If so, plea	rsonally used the	is water body for re	ecreation since 1975?	□ Yes □ No				
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing				
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting				
☐ Hunting ☐ Trapping ☐ Fishing ☐ None of the above ☐ Other:								
(How often do you use it for recreation? G More than 5 times per year G 1-5 times per year G Less than 1 time per year – please describe:							
If so, plea	erved others using the check ALL the check ALL the check ALL the check ALL the check are the check at the che	ng this water body hat apply:	for recreation since 19	975? □ Yes □ No				
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing				
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting				
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:				
(How often have you observed it being used for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe:							
4. Additional Co	mments:							
Contact Informati Name:	tion (if willing t	o provide):						

Address:

Telephone #:

WBID # 608 Site # 773

Date: 07/15/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

		She	et B must be completed	d for each site)	
Latitude (ddd.dddd): [40.19874			Arrival Time:	
Longitude (ddd.dddd):	93.112.49				118
Photo Ids: Upstream:		Down	stream:		• =
10	19	1020		Other: 1021 102	
Varrative Description	of Location: (De	scrib	e access point to stream, ne	arby roads, landmarks, etc.	,
$\approx 250 \mathrm{m}$	US from	Hv	vy C bridge	crossing.	,
urrounding Condition ms of interest.)	ns*: (Mark all that p	oromo	ote or impede recreational t	uses. Attach photos of evide	ence or unusual
☐ City/county parks	☐ Playgrounds		MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks		National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence		teep slopes	Other: Com fi	
uman Uses Observed	*•			adjacen	t to LB
☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping		☐ Fishing	Mary Co.	
Describe: (include number	er of individuals recr	eating	g, frequency of use, photo-	None of the above documentation of evidence	of recreational uses, etc.)
	·				
idence of Human Use	<u>.</u>				
☐ Roads	☐ Foot paths/print	s	☐ Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
Other: Trash	(1022)				I ishing rackie
urces of Pollution: (e.g	g., trash dumping, tire	es. dra	ainages discharges etc.)		
Trash (10:		-,	ges, disentinges, etc.)		

ite: <u>07/</u>	15/2006				4
	Dat	a Sheet B - Site Cl	haracterization – 2	of 3	
ream Mor Upstream	phology: View Physical Din	nensions:			
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m
□ Riffle					•
□ Run					
Pool	275	4.5	25	0.25	N 4
Pool Flow	- /	4.5 □ No	Velocity (ft/sec):	0.25	0.4
Flow	Present? Yes	□ No		0.25 0.1 m/sec	0.4
Flow		□ No		0.25 0.1 m/sec Avg. Depth (m)	O. 4 Max Depth (m)
Flow	Present? Yes am View Physical I Distance from	□ No Dimensions:	Velocity (ft/sec):		O 4 Max Depth (m)
Flow Cownstream	Present? Yes am View Physical I Distance from	□ No Dimensions:	Velocity (ft/sec):		O 4 Max Depth (m)
Flow Cownstres Riffle	Present? Yes am View Physical I Distance from	□ No Dimensions:	Velocity (ft/sec): Length (m)	Avg. Depth (m)	
Flow Cownstres Riffle Run	Present? Yes am View Physical I Distance from access point (m)	□ No Dimensions: Width (m)	Velocity (ft/sec):	Avg. Depth (m) 0.175	0.4 Max Depth (m)
Flow Pownstres Riffle Run Pool Flow	Present? Yes am View Physical I Distance from access point (m) 230 Present? Yes	□ No Dimensions: Width (m) 4.2 □ No	Velocity (ft/sec): Length (m)	Avg. Depth (m)	
Flow Pownstres Riffle Run Pool Flow Strate*: (Present? Yes am View Physical I Distance from access point (m)	□ No Dimensions: Width (m) 4.2 □ No d up to 100%.)	Velocity (ft/sec): Length (m) 20 Velocity (ft/sec):	Avg. Depth (m) 0.175 0.2 m/scc	0.45

Water Characteristics*: (Mark all that apply.)

Odor: ☐ Sewage ☐ Musky ☐ Chemical None ☐ Other: Color: Clear 🔀 ☐ Green ☐ Gray ☐ Milky ☐ Other: **Bottom Deposit:** ☐ Sludge ☐ Solids Fine sediments □ None ☐ Other: Surface Deposit: ☐ Oil ☐ Scum ☐ Foam X None ☐ Other:

QC: AD

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WBID #	608	Site #	773
Data: 1	7,15,	2/8/	-

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique le conditions, problems in measuring, site relocation).	ocal

WBID # 608 Site # 773

Date: <u>67/15/2006</u>

Telephone #:

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)

If so, how 2. Have you per	rsonally used th	lived here?is water body for r	ecreation since 1975?	□ Yes □ No			
If so, ple	ase check ALL	that apply:					
□ Swimming □ Skin diving □ SCUBA diving □ Tubing □ Water skiing □ Wind surfing □ Kayaking □ Boating □ Wading □ Description							
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	□ Rafting			
☐ Hunting							
3. Have you obs		1 time per year – p	lease describe:				
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
(More than $1 - 5 \text{ times}$ Less than 1	rved it being used to times per year per year time per year – pl	for recreation? ease describe:				
4. Additional Co	mments:						

WBID # 68 Site # 774

Date: 07/15 / 2006

Field Data Sheets for Recreational Use Stream Surveys

	(A separate Data	t B - She	Site Characterization et B must be complete	1 – 1 of 3 d for each site)	
Latitude (ddd.dddd): L	10.20085			Arrival Time:	
Longitude (ddd.dddd):	93.11260				44
Photo Ids: Upstream:		Downstream:		0ther: 1077	
102	4		1025	102	3
	-			10 2	
Narrative Description	of Location: (De	scrib	e access point to stream, ne	arby roads, landmarks, etc.	·)
at 3rd stra	et bridge	Cro	ssing.	, , , , , , , , , , , , , , , , , , , ,	,
Surrounding Condition items of interest.)	ns*: (Mark all that	prome	ote or impede recreational t	uses. Attach photos of evide	ence or unusual
☐ City/county parks	☐ Playgrounds		MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks		National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence		Steep slopes	Other: COYN Die	
Human Uses Observed	*:			X Pipes in str	eam (1026)
☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping		☐ Fishing	DOV CIL	
Describe: (include number	er of individuals reci	reatin	g, frequency of use, photo-	documentation of evidence	of recreational uses, etc.)
Evidence of Human Use	*:				
Roads	☐ Foot paths/print	ts	□ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
☐ Other:					rishing rackle
Sources of Pollution: (e.g	., trash dumping, tir	es, dr	ainages, discharges, etc.)		
1 · · · · · · ·	23)				

ac: AD

WBID # (003 Site # 774

Date: 07/15/2006

Data Sheet B - Site Characterization - 2 of 3

Stream Morphology: **Upstream View Physical Dimensions:** Distance from Width (m) Length (m) access point (m) Avg. Depth (m) Max Depth (m) □ Riffle □ Run DX Pool 15 25 ∜ Flow 0.05 m/sec Present? Yes □ No Velocity (ft/sec): **Downstream View Physical Dimensions:** Distance from Width (m) Length (m) access point (m) Avg. Depth (m) Max Depth (m) □ Riffle □ Run N Pool 0.34 0.5 Flow Present? X Yes □ No Velocity (ft/sec): 0.05 Msec Substrate*: (These values should add up to 100%.) % Cobble % Gravel % Sand 40 % Silt 54% Mud/Clay % Bedrock Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.) moderate amounts of floating algae along banks.

Water Characteristics*: (Mark all that apply.)

0.1						
Odor:	☐ Sewage	☐ Musky	☐ Chemical	None	☐ Other:	
Color:	☐ Clear	☐ Green	П С			
Pottom Donasit		Green	☐ Gray	Milky	☐ Other:	
Bottom Deposit:	☐ Sludge	☐ Solids	Fine sediments	☐ None	☐ Other:	
Surface Deposit:	X	~		······································		
Surface Deposit.	Oil	Scum	☐ Foam	□ None	☐ Other:	

QC:AD

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 608 Site # 774

Date: 07 / 15 / 2006

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).	
	_

WBID #_	408	Site #	774
. 5.	4	0-01	

Date: 07/ 15/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

	(Make addition	al copies as necess	ary for multiple interv	views)
1. Do you live i		es □ No lived here?		
	rsonally used this		creation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
3. Have you ob	G 1 – 5 times G Less than	1 time per year – p	lease describe:	1975? □ Yes □ No
	ase check ALL t			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
How ofte	G More than $G = 1 - 5$ time		for recreation?	
4. Additional C	Comments:			
Contact Inform	nation (if willing	g to provide):		

Name:

Address:

Telephone #:

WBID # 608 Site # 775

Date: 07/15 / 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

Latitude (ddd.dddd):	(A separate Data 40. 21167				
Longitude (ddd.dddd): 93.10642				Arrival Time	
Photo Ids: Upstream:			nstream:	15	5
102		DOWL	1029	Other: 103 103	
rrative Description	of Location: (D.	agori l	e access point to stream, n		
HWY \$ 51	6 bridge	Cr	OSS Wg.	earby roads, landmarks, e	cc.)
rrounding Conditions of interest.)	ons*: (Mark all that	promo	ote or impede recreational	uses. Attach photos of evi	dence or unusual
☐ City/county parks	☐ Playgrounds		MDC conservation lands	☐ Urban areas	
☐ Boating accesses	☐ State parks		National forests	☐ Nature trails	Campgrounds
☐ No trespass sign	☐ Fence		teep slopes	Other: Ag. fil	☐ Stairs/walkway
man Uses Observed	!* <u>.</u>			J. M. M.	las (1030)
☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	П W1 ''
☐ Wind surfing	☐ Kayaking		☐ Boating	□ Wading	☐ Water skiing
☐ Hunting	☐ Trapping		☐ Fishing		Rafting
Seserioe. (include numb	er of individuals reci	reating	g, frequency of use, photo-	documentation of evidence	e of recreational uses, etc
ence of Human Use	2*:				
KRoads	☐ Foot paths/print	S	☐ Dock/platform	☐ Livestock Watering	DW/ATM
Rope swings	☐ Camping Sites		☐ Fire pit/ring	□ NPDES Discharge	□ RV / ATV Tracks
Other:			. 5		☐ Fishing Tackle
ces of Pollution: (e.g	g., trash dumping, tire	es, dra	inages, discharges, etc.) alrage clitch		

WBID #	608	_ Site #	_775
Date: <u>07</u>	151	2006	
			Data Shee
Stream Mo	rpholog	y:	

et B - Site Characterization – 2 of 3 **Upstream View Physical Dimensions:** Distance from Width (m) Length (m) access point (m) Avg. Depth (m) Max Depth (m) □ Riffle □ Run 🔀 Pool 3.1 30 Flow Present? ☐ Yes Velocity (ft/sec): **Downstream View Physical Dimensions:** Distance from Width (m) access point (m) Length (m) Avg. Depth (m) Max Depth (m) ☐ Riffle □ Run 🛛 Pool 2.3 40 0.275 0.35 Flow Present? ☐ Yes Velocity (ft/sec): Substrate*: (These values should add up to 100%.) % Cobble 5 % Gravel 60 % Sand 20 % Silt 5 % Bedrock 5 % Mud/Clay Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.) Moderate amounts of attached and floating algae Water Characteristics*: (Mark all that apply.) Odor: ☐ Sewage ☐ Musky ☐ Chemical None ☐ Other: Color: XClear US ☐ Green ☐ Grav **Milky** ☐ Other: Bottom Deposit: ☐ Sludge □ Solids Fine sediments □ None ☐ Other: Surface Deposit: □ Oil □ Scum 🛛 Foam □ None

☐ Other:

QC: AD

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID	#	603	Site #	775
Date:	67	151	7M/2	

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated un conditions, problems in measuring, site relocation).	ique local

WBID #____608__ Site #___775___

Date: <u>D7/15/2006</u>

Telephone #:

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

2. Have you po	w long have you ersonally used the ease check ALL	is water body for r	ecreation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	Other:
3. Have you ob	G 1-5 time G Less than served others usi	1 time per year – p	lease describe:	
☐ Swimming	ase check ALL the Skin diving	nat apply:		
☐ Wind surfing	☐ Kayaking	☐ SCUBA diving ☐ Boating	☐ Tubing	☐ Water skiing
☐ Hunting	☐ Trapping	☐ Fishing	☐ Wading ☐ None of the above	☐ Rafting ☐ Other:
How often have you observed it being used for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe:				
4. Additional Co	omments:			

<u>Pre-Field Preparatory Data Sheet</u> <u>for Recreational Use Stream Surveys</u>

Water Body Name: East Fork Locust creek (from USGS 7.5' quad)					
8-digit HUC: N/A	Missouri Water Body Identification (WBID) #: 603				
County: Sullivan					
Upstream Legal Description:					
Downstream Legal Description:					
Discharger Facility Name(s): MILAN WWTF					
Discharger Permit Number(s): MODD 48151					
Weather Conditions for Past 7 days: Hot, Sunny, humid					

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.



Site# 770 Photo ID# 1007, Upstream



Site# 770 Photo ID# 1004, Trash



Site# 770 Photo ID# 1012, Downstream



Site# 770 Photo ID# 1009, Dam



Site# 770 Photo ID# 1013, Steep slope



Site# 771 Photo ID# 1011, Downstream



Site# 771 Photo ID# 1010, Upstream



Site# 772 Photo ID# 1017, Upstream



Site# 772 Photo ID# 1018, Downstream



Site# 772 Photo ID# 1015, Ditch



Site# 772 Photo ID# 1014, Trash



Site# 772 Photo ID# 1016, Pipe



Site# 773 Photo ID# 1019, Upstream



Site# 773 Photo ID# 1021, Corn



Site# 773 Photo ID# 1020, Downstream



Site# 773 Photo ID# 1022, Trash



Site# 774 Photo ID# 1024, Upstream



Site# 774 Photo ID# 1023, Trash



Site# 774 Photo ID# 1025, Downstream



Site# 774 Photo ID# 1026, Pipes



Site# 774 Photo ID# 1027, Corn



Site# 775 Photo ID# 1029, Downstream



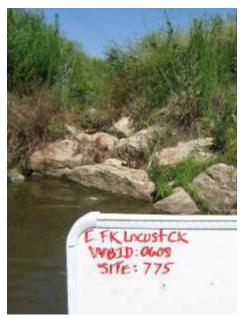
Site# 775 Photo ID# 1028, Upstream



Site# 775 Photo ID# 1030, Agriculture



Site# 775 Photo ID# 1031, Drainage pipe



Site# 775 Photo ID# 1032, Ditch